

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as specified below.

Please amend the paragraph on page 9, lines 15-21, (designated as paragraph 51 of published application 20030083767) as follows:

-- While FIG. 6 demonstrates the use of a graphic user interface to produce initial parameters of the inventive process, the parameter set in a preferred embodiment is an ASCII file. With "rubber" frame model 45 on the screen, the designer drags and drops the significant characteristics representative of design parameters onto a highly plastic graphic representation of the targeted product. Stretching a representation of the airframe establishes the overall length 25 of the airplane. Stretching the wingspan 30 ~~25~~ yields the approximate essential dimensions of the targeted product. --

Please amend the paragraph beginning on page 9, line 36, and extending to page 10, line 5, (designated as paragraph 54 of published application 20030083767) as follows:

-- FIG. 8 shows a generated model detail of the fuselage according to the inventive process. Immediately evident is the placement of several ribs within the model 75, bulkheads 80, and floors 85. Each of these design features are placed according to rules that maximize utility and strength of the model ~~and minimize~~ while minimizing the weight. Because the inventive process removes the necessity of drafting these features into a model, the efficiency of the modeling process is readily apparent. Constrained only by the parameters the designers or engineers place in the input file and the rules in the inventive system, and the model results. --